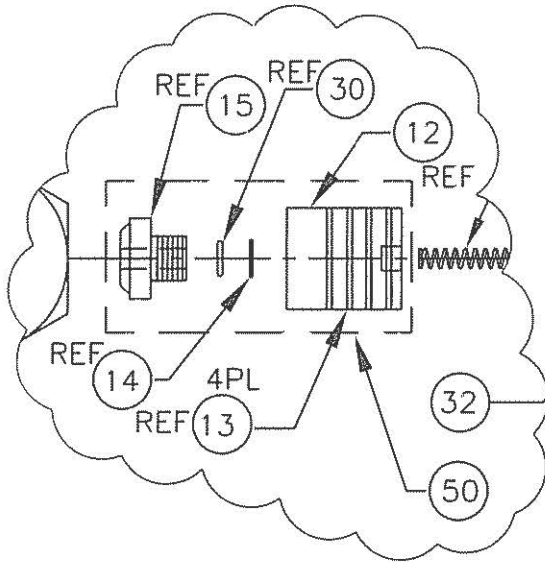


APICAL
INDUSTRIES, INC.

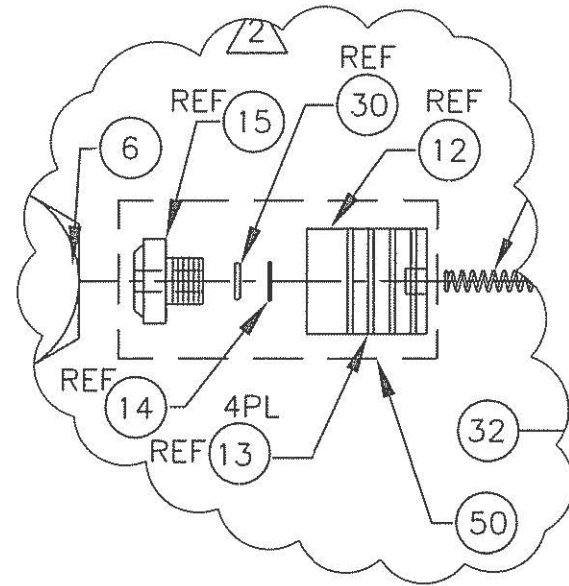
ENGINEERING CHANGE NOTICL NO.		02209		SHEET 1 OF 1	
DWG NO.	604.4900	REV: A	PREPARED BY J.JACKSON	DATE: 12/08/08	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
DWG TITLE: 7/16" FLOW VALVE-4500 PSI					
APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER	
REASON: REVISED PARTS LIST PER ECR 08-02					

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

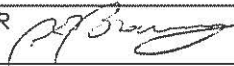
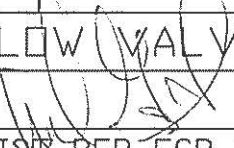
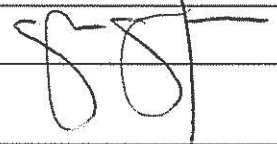
SHEET 1, ZONE B4 IS :



SHEET 2, ZONE B4 IS :

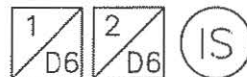
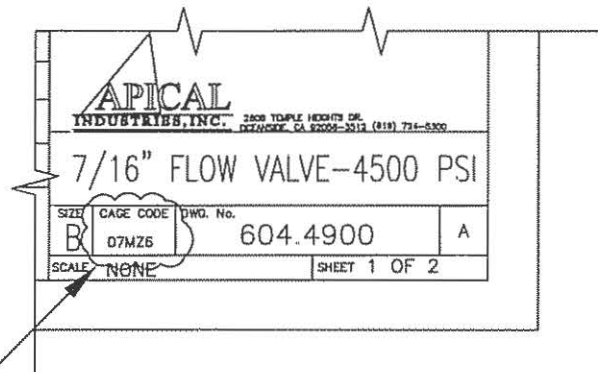


50	A	600.0298	1	1	SHUTTLE POPPET ASSY	
30	R	601.1088	2	2	O-RING	AS568A-904 90 DUREN NITRILE
15	R	600.0254	REF	REF	PEEK SEAT	A-51796-S REV N/C
14	R	600.0259	REF	REF	PUNCTURE DISC	A-51704 REV N/C
13	R	600.0290	REF	REF	BACKUP RINGS	MS28774
12	R	600.0255	REF	REF	POPPET SHUTTLE	A-51794-S REV N/C
PRINTED COPY OF THIS DOCUMENT IS FOR REFERENCE ONLY AND IS UNCONTROLLED						
			4902	4901		
F/N	TC	PART NUMBER	QTY	DESCRIPTION		MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED:					CHANGE CATEGORY	DER REVIEW REQUIRED
<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM <input type="checkbox"/> FMS					<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 02059				SHEET 1 OF 1	
	DWG NO. 604.4900		REV: A	PREPARED BY PB	DATE: 05/21/08	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: 7/16" FLOW VALVE-4500 PSI					
	APPROVED BY:	ENGR 	MFG 	QC 	EFF: NEXT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: CHANGED QTY ON PARTS LIST PER ECR 08-71					

38	A	600.0820	1	1	LABELS (WHITE)	
			4902	4901		
F/N	TC	PART NUMBER	QTY	DESCRIPTION		MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED:				<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM <input type="checkbox"/> FMS		CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR
				DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 01498			SHEET 1 OF 1	
	DWG NO. 604.4900	REV: A	PREPARED BY JB	DATE: 05/04/06	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: 7/16" FLOW VALVE-4500 PSI				
	APPROVED BY: ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED PART NUMBER PER ECR #06-02				



40	A	601.0772	-	1	GUAGE ADAPTER	A-51869-S REV NC	⚠
PRINTED COPY OF THIS DOCUMENT IS FOR REFERENCE ONLY AND IS UNCONTROLLED							
F/N	TC	PART NUMBER	QTY	DESCRIPTION		MATERIAL/SPECIFICATION	
DOCUMENTS EFFECTED: <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM <input type="checkbox"/> FMS						CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

1

2

3

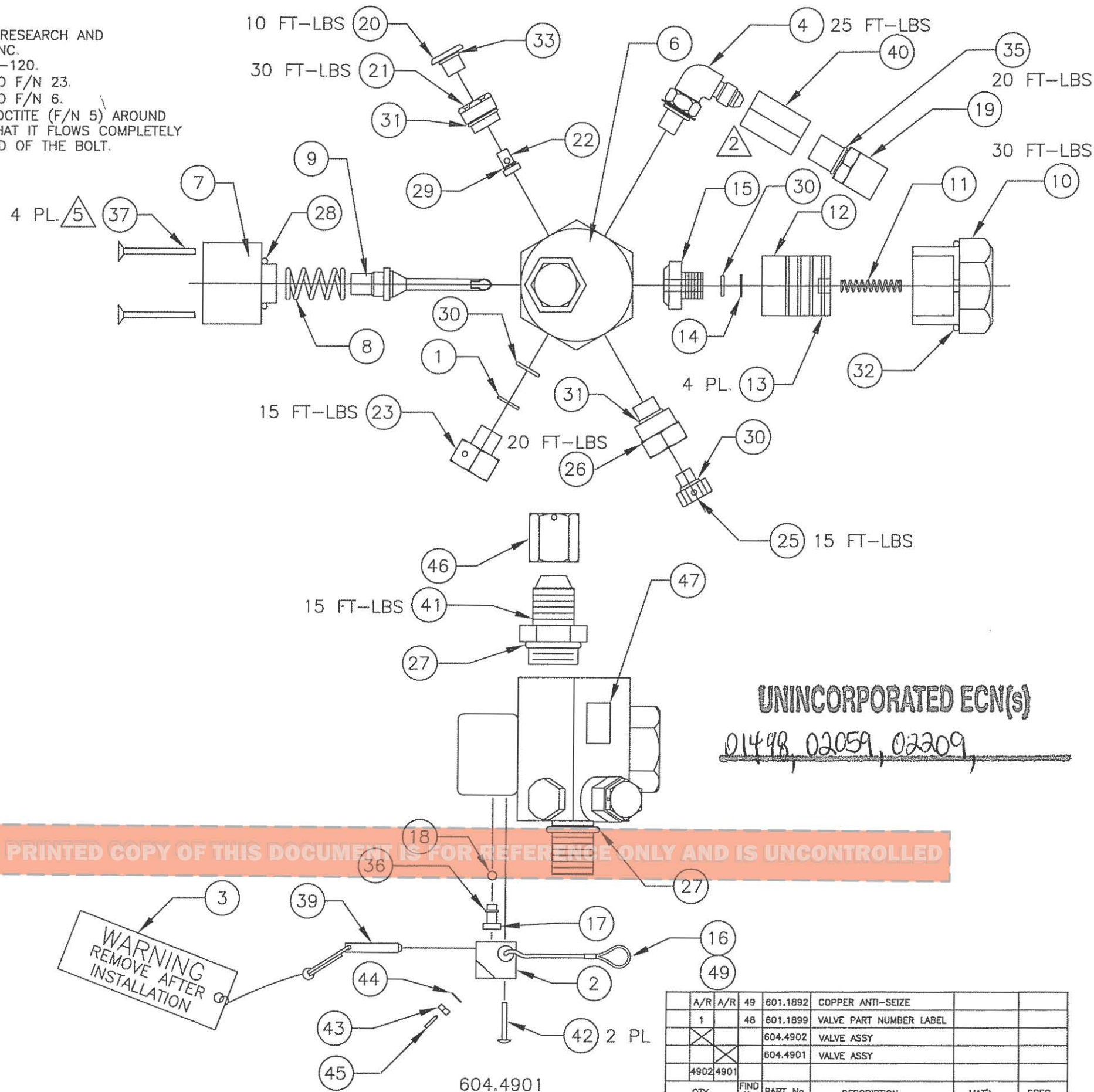
4

5

6

NOTES:

1. VENDOR: MIRADA RESEARCH AND MANUFACTURING INC.
2. IDENTIFY IAW MPP-120.
3. APPLY F/N 24 TO F/N 23.
4. APPLY F/N 28 TO F/N 6.
5. APPLY ENOUGH LOCTITE (F/N 5) AROUND BOLT HEAD SO THAT IT FLOWS COMPLETELY AROUND THE HEAD OF THE BOLT.



UNINCORPORATED ECN(S)

01498, 02059, 02209

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 00530	06-12-04	S. JOSEPH

QTY	FIND No.	PART No.	DESCRIPTION	MAT'L	SPEC
1	1	47	601.1898 VALVE PART NUMBER LABEL		
1	1	46	600.0294 DIFFUSER CAP -B	A-51975	
1	1	45	601.0779 PLUNGER	REV N/C	
1	1	44	600.0741 WASHER	NAS1149CN632	
1	1	43	600.0742 NUT	AN340C-6	
2	2	42	600.0727 SCREW		
1	1	41	600.0243 OUTLET FITTING -B	A-51812	
-	-	40	601.0772 GUAGE ADAPTER	REV NC	
1	1	39	601.0761 SAFETY PIN	A-51869-S	
-	-	38	600.0820 LABELS (WHITE)	REV NC	
4	4	37	601.1105 MOUNTING SCREW	A-51815	
1	1	36	601.1083 O-RING	REV N/C	
1	1	35	601.1089 O-RING	AS568-5-179	
-	-	34	DELETED	70 DURO NITRILE	
1	1	33	601.1086 O-RING	AS568A-902	
1	1	32	601.1092 O-RING	AS568A-912	
2	2	31	601.1090 O-RING	AS568A-906	
3	3	30	601.1088 O-RING	AS568A-904	
1	1	29	601.1084 O-RING	AS568A-006	
1	1	28	601.1085 O-RING	AS568A-020	
2	2	27	601.1091 O-RING	AS568A-910	
1	1	26	600.0253 FUSIBLE PLUG FITTING	AS568A-910	
1	1	25	600.0266 FUSIBLE PLUG	A-51091	
1	1	24	600.0251 SAFETY DECAL	REV C	
1	1	23	600.0250 SAFETY DISC RETAINER	A-51057-S	
1	1	22	600.0289 FILL PISTON FITTING	REV A	
1	1	21	600.0260 FILL BODY FITTING	A-51031	
1	1	20	600.0288 FILL PLUG FITTING	REV L	
1	1	19	600.0258 PRESSURE GAUGE	A-51153	
1	1	18	600.0262 TRIGGER BALL	REV C	
1	1	17	600.0263 TRIGGER PISTON	A-51151	
1	1	16	600.0287 PULL CABLE	REV F	
1	1	15	600.0254 PEEK SEAT	A-51152	
1	1	14	600.0259 PUNCTURE DISC	REV D	
4	4	13	600.0290 BACKUP RINGS	B-51051-6000	
1	1	12	600.0255 POPPET SHUTTLE	REV C	
1	1	11	600.0256 PISTON SPRING	A-51911	
1	1	10	600.0257 SHUTTLE POPPET RETAINER	REV A	
1	1	9	600.0246 BAYONET	A-51810	
1	1	8	600.0245 SPRING	REV N/C	
1	1	7	600.0244 BAYONET HOUSING	B-50992-2	
1	1	6	600.0247 VALVE BODY	REV F	
A/R	A/R	5	600.0903 LOCTITE	A-51796-S	
-	-	4	601.0771 ADAPTER	REV N/C	
1	1	3	604.5210 WARNING TAG	A-51704	
1	1	2	601.0826 PULL CABLE HOUSING	REV N/C	
1	1	1	600.0248 BURST DISC	A-51438	
			604.4902 VALVE ASSY	REV B	
			604.4901 VALVE ASSY	B-51794	
				REV N/C	
				B-51817	
				REV N/C	
4902 4901					

PRINTED COPY OF THIS DOCUMENT IS FOR REFERENCE ONLY AND IS UNCONTROLLED

WARNING
REMOVE AFTER
INSTALLATION

QTY	FIND No.	PART No.	DESCRIPTION	MAT'L	SPEC
1	1	49	601.1892 COPPER ANTI-SEIZE		
1	1	48	601.1899 VALVE PART NUMBER LABEL		
			604.4902 VALVE ASSY		
			604.4901 VALVE ASSY		
4902 4901					

QTY	FIND No.	PART No.	DESCRIPTION	MAT'L	SPEC
1	1	49	601.1892 COPPER ANTI-SEIZE		
1	1	48	601.1899 VALVE PART NUMBER LABEL		
			604.4902 VALVE ASSY		
			604.4901 VALVE ASSY		
4902 4901					

ORIGINAL DATE: 01-12-07
DRAWN BY: J. PARROTT
CHECKED BY: DGP
DRAWING APPROVAL: DGP 01-12-07
CONTRACT No.:
SHEET 1 OF 2

APICAL
INDUSTRIES, INC.
7/16" FLOW VALVE-4500 PSI
SIZE: B
CAGE CODE: 7Y054
DWG. No.: 604.4900
SCALE: NONE

1

2

3

4

5

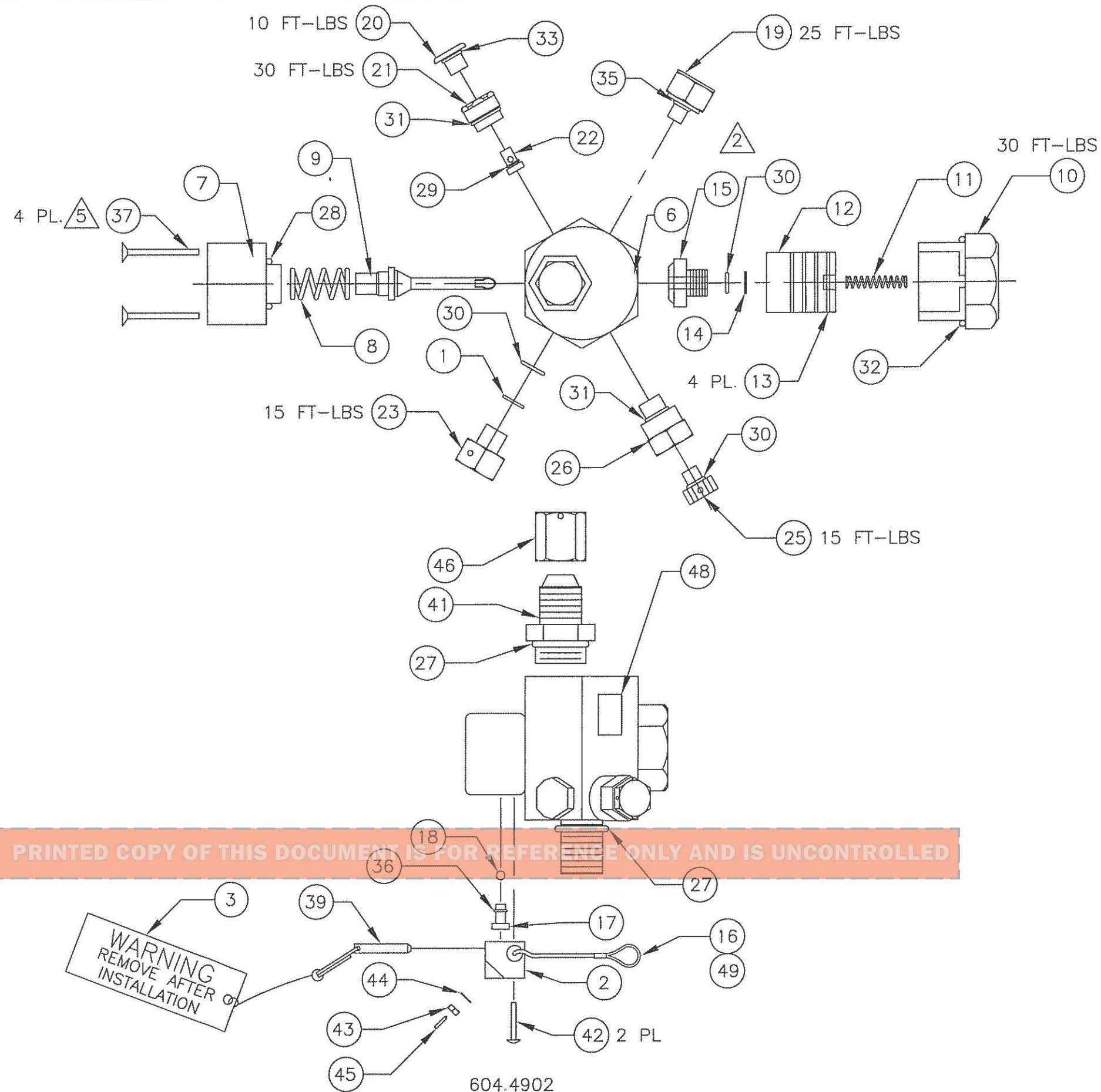
6

A

B

C

D



QTY	FIND No.	PART No.	DESCRIPTION	MAT'L	SPEC
NEXT ASSY (S)		ORIGINAL DATE (YY-MM-DD) 01-12-07 DRAWN BY O. PARROTT DRAWING APPROVAL CONTRACT No.	7/16" FLOW VALVE-4500 PSI		
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS .000 2 PLACE DECIMALS .01 1 PLACE DECIMALS .1	APICAL INDUSTRIES, INC. NEW BRIDGE HIGHWAY 201 JACKSONVILLE, FL 32209-3013 (904) 724-5200	SIZE B CAGE CODE 7V054 SCALE NONE	DWG. No. 604.4900 A SHEET 2 OF 2